

Fast Flux Test Facility (FFTF) Project (RL-0042)

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*Core Component Pots in Long Term
Storage Box*



*Interim Storage Casks placed in
interim storage*



*Recertifying T-3 Shipping Cask
for use*

Overview

This section addresses work in Project Baseline Summary RL-0042, *Nuclear Facility Deactivation and Decommissioning, Fast Flux Test Facility Project*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of September 2006.

Top FY 2006 Accomplishments

Interim Decay Storage (IDS) Sodium Drain: One hundred eight (108) Core Component Pots (CCPs) were transferred from the temporary storage grid to one of two long term storage boxes. The boxes were closed, leak tested, and purged with argon. Draining of the IDS vessel and transfer of all bulk sodium from the IDS systems and the primary sodium storage tank (T-43) to the Sodium Storage Facility were also completed. All valves were placed in their final positions and trace heat was secured. (The remaining residuals will remain frozen under an inert gas blanket pending future disposition.) These activities served to complete the requirements of both TPA Milestone M-81-14-T02 (*Initiate Interim Decay Storage Vessel Sodium Drain*, due June 30, 2008), and the Fluor Hanford Performance Incentive milestone to complete IDS sodium drain (and store the CCPs) by September 30, 2006.

Fuel Offload: Processed fuel assembly ACN-1, which required disassembly. Completed loading of three additional Interim Storage Casks and placed them in the 200 Area Interim Storage. Initiated support of the T-3 cask recertification (T-3 No. 1 is ready for reassembly).

FY 2006 Funds vs. Actuals (\$M)

	Anticipated FY 2006 Funding (with Carryover)	FY 2006 Actuals	Variance
FFTF Project	\$ 47.9	\$ 35.4	\$ 12.5

FY 2006 Schedule/Cost Performance (\$M)

	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
FFTF Project	\$34.1	\$35.9	\$35.4	\$1.8	5.2%	\$0.5	1.4%	\$34.1

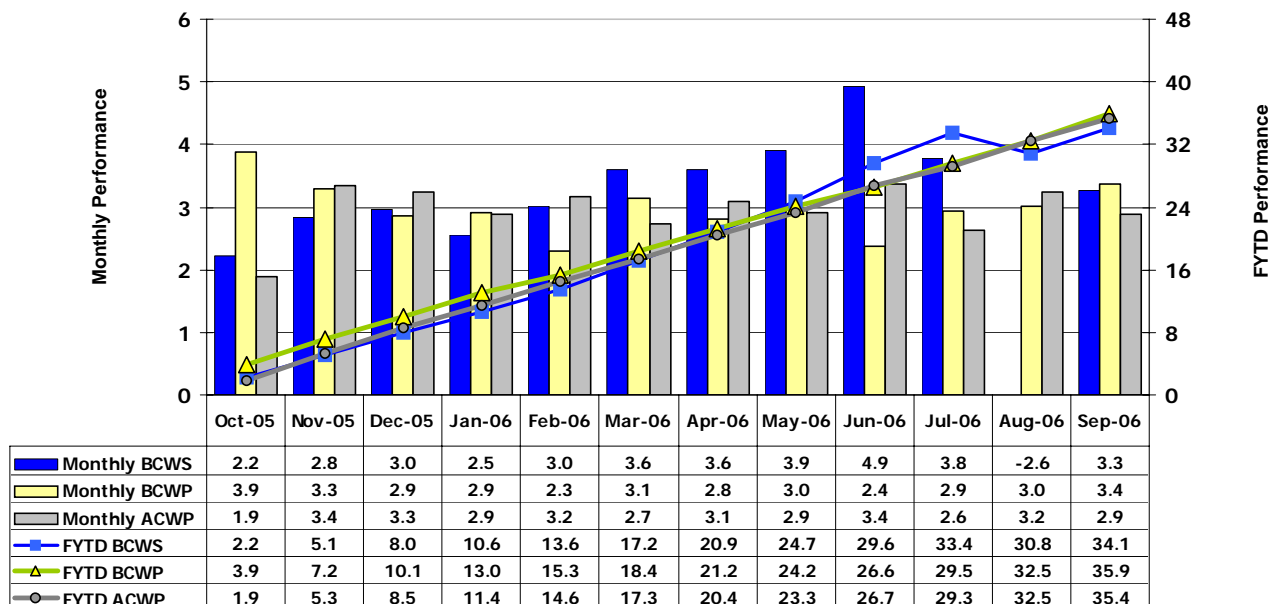
Numbers are rounded to the nearest \$0.1M.

Schedule Performance (+\$1.8M/+5.2%): Fiscal year to date schedule performance is primarily due to the completion of prior year scope during FY 2006.

Cost Performance (\$0.5M/+1.4%): Fiscal year to date cost performance is within dollar and percent thresholds.

FY 2006 Schedule/Cost Performance (\$M), continued

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
RL42-1a3	Complete loading and transferring ten additional Interim Storage Casks	PI	3/31/2005	8/9/2005		Complete
M-81-13 (BM-81-13)	Complete reactor & HTS sodium drain	TPA	6/30/2005	6/21/2005		Complete
M-81-11 (BM-81-11)	Submit FFTF end point criteria document	TPA	8/31/2005	7/7/2005		Complete
RL 42A-1b	Complete FFTF sodium drain from the reactor vessel and the Fuel Storage Facility vessel	PI	9/30/2005	9/1/2005		Complete
RL 42A-1a1	Process fuel assemblies PO-4, SRF-3, & SRF-4, which require disassembly	PI	11/30/2005	11/9/2005		Complete
RL 42A-1a3	Complete loading of six additional Interim Storage Casks and place in the 400 Area Interim Storage Area	PI	11/30/2005	9/27/2005		Complete
RL 42A-1a2	Process fuel assembly ACN-1, which requires disassembly	PI	3/31/2006	3/14/2006		Complete
RL 42A-1a4	Complete loading of three additional Interim Storage Casks and place in the 400 Area Interim Storage Area	PI	3/31/2006	3/30/2006		Complete
RL-Composite -10	Complete FFTF IDS sodium drain	PI	9/30/2006	9/19/2006		Complete